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AGRICULTURAL LIBRARIES INFORMATION NOTES

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UPDATE ON NAL INTERNATIONAL ACTIVITIES



The group participating in the Agriculture Information Course at the Natural Resources College, Lilongwe, Malawi, June 1987. (See article, pages 3-4.) Photo: Keith Russell

JOSEPH HOWARD VISITS THAILAND, INDIA, AND EGYPT

In response to the needs of cooperating institutions in Thailand, India, and Egypt, NAL's Director, Joseph H. Howard, met with librarians in the three nations during a month-long trip from October 23 to November 23. He also met with USDA program officials, State Department personnel, and professional library groups concerning their information requirements.

In Thailand Mr. Howard met with Ms. Pi-boonsin Watanapongse, Director of the Main Library at Kasetsart University, and Ms. Praditta Siripan, Associate Director. The Kasetsart University Library functions as the national agricultural library of Thailand and is the information backup for the nation's Ministry of Agriculture. Discussions centered on developing a program to help agriculture professionals throughout Thailand, including a 3-to-5-year plan for a network utilizing new information technologies to support research. NAL and Kasetsart will also cooperate by improving interlibrary loan programs, exchanging publications, and listing Thai serials in the *World List of Agricultural Serials*.

Mr. Howard met with Dr. Saangsri Phornsawan, Department of Library Science, Ramkhamhaeng University, at whose invitation he addressed the Thai Library Association on the subject, "Information Technology in Libraries in the United States."

Mr. Howard's other visits in Thailand included the Kamphaengsaen campus of Kasetsart University, Chiang Mai University, King Mongkut Institute of Technology, Prince of Songkla University in Hatyai, and Chulalongkorn University; and he met with Dr. Robert A. Ralston, Projects Division, Ministry of Agriculture and Cooperatives. In addition to his discussions of support for agricultural information and research with the librarians, information staff, agricultural faculties and researchers at each institution, Mr. Howard also demonstrated AGRICOLA on CD-ROM. This technology is especially appropriate for research and teaching in areas which lack funds or proper communi-

cations devices to access online databases such as AGRICOLA.

In India Mr. Howard's meetings concentrated on how NAL and the libraries of approximately 28 agricultural universities might better work together to provide information, both via traditional means and through new technologies, to researchers and professional people in agriculture throughout India. Mr. Howard met with Mr. Maharaj Singh, Deputy General (Education), Indian Council of Agricultural Research (ICAR), on these topics and also discussed exchange of publications, document delivery backup for India, NAL's new technologies and cooperative projects, and indexing of Indian publications for AGRIS.

He also discussed these subjects with Ronald H. Pollock, John Becker, and John Dunbar at the U.S. Agency for International Development (AID) in New Delhi. Their talks also included exchange of publications with the National Academy of Agricultural Research Management, Hyderabad, use of new information technologies, the Thai and Egyptian projects, and long range cooperative projects with agricultural libraries in India.

In Egypt Mr. Howard continued talks on how NAL can assist in establishing a National Agricultural Library in Egypt with Dr. Ahmed Momtaz, Director of the Agricultural Research Center, Cairo. He again met with Dr. Mohamed F. Sharaf, Director of the Agricultural Economics Research Institute, and Dr. Ragaa Abdel-Hady, Deputy Director of the Egyptian Documentation and Information Center, Ministry of Agriculture, who had visited NAL in October [See note and photo, *ALIN*, 13 (10/11): 7, Oct/Nov 87]. Areas of greatest interest for the Egyptian library include training and automation.

Mr. Howard's final stop in Rome allowed him to meet with FAO staff concerning AGRIS, to discuss plans to put the AGRIS database on CD-ROM, and to meet with Robert R. Freeman, Fishery Department, FAO, with whom he discussed AquaRef, NAL's advisory system in Aquaculture.

--Joseph N. Swab

EAST AFRICAN AND EUROPEAN MEETINGS

by Keith Russell

Chief, Public Services Division, NAL

In the summer of 1987, I spent more than three weeks overseas on NAL business. The primary purpose of the trip was to teach part of a two-week course on agricultural information for representatives from several East African countries, but along the way I also visited various friends of NAL (both individuals and organizations) and others with whom we do (or could do) business (exchange partners, for example).

The Technical Centre for Agricultural and Rural Cooperation (CTA) in the Netherlands sponsored the course on agricultural information, which was held in June at the Natural Resources College, Lilongwe, Malawi. The course focused on reference materials, document delivery techniques and services, exchange programs for publications and other acquisitions issues, appropriate uses of technology in developing countries, and other concerns important to libraries in developing countries (such as funds solicitation from donor agencies and planning and development of needed reference tools within

individual countries and regionally).

Instructors included representatives from CTA, CAB International (England), the Food and Agricultural Organization (FAO) of the United Nations (Italy), International Food Information Service (England), British Library Document Supply Centre (formerly called the British Library Lending Division), the Tropical Development and Research Institute (England), the International Federation for Documentation (Netherlands), and the International Federation of Library Associations' UBCIM Program (England). U.S. representatives were Michael Kinch of Oregon State University and I. The fifteen students in the course represented Ghana, Kenya, Tanzania, Malawi, Mauritius, Zambia, Lesotho, Botswana, Gambia, Zimbabwe, and Mozambique.

Mr. Thiendou Niang of CTA's Information Services Department moderated the course, and Ms. Jane Kinney, Library and Information Systems Consultant with Malawi's Ministry of Agriculture, coordinated local planning and arrangements. (Jane, incidentally, is a former NAL employee now working on a World Bank consultantship.) Ms. Tessa Shore, Librarian of the Natural Resources College, provided meet-

(See AFRICA, p. 4)

The Agricultural Information class in progress. In the upper photo Jane Kinney is at the right table with Abe Lebowitz, Head, AGRIS Coordination Center, FAO, Rome.



Photos: Keith Russell.



(AFRICA, from p. 3)

ing space and other accommodations. Many other individuals, including high level Ministry of Agriculture and other Malawi government officials, were involved in the course and related receptions.

Other business conducted on the trip:

Kenya: visits with librarians from the International Laboratory for Research on Animal Diseases (ILRAD) and the International Center of Insect Physiology and Ecology (ICIPE) to discuss exchange agreements with NAL and other topics of mutual interest.

Kenya: visit with Mr. James C. Armstrong, Field Director of the Library of Congress office in Nairobi which helps NAL acquire East African agricultural literature.

Ethiopia: visits with several staff of the International Livestock Centre for Africa (ILCA) to discuss exchange agreements and several other joint ventures. Three staff from ILCA have spent time at NAL in the past two years.


Ethiopia: visit with staff at the Pan African Documentation and Information System (PADIS) to discuss possible cooperative ventures.

Rome: meetings at FAO to discuss NAL/FAO cooperation on marketing AGRIS in the United States and possible joint training efforts for AGRICOLA and AGRIS.

Paris: meeting with Mr. Gianpalo Del-Bigio at the United Nations Educational, Scientific and Cultural Organization (UNESCO) to learn more about CDS-ISIS, a microcomputer-based library automation system currently used in more than 40 agricultural libraries worldwide; also meetings at the Biblioteque Nationale and the Bibliotheque de la Sorbonne.

London: visit with staff of CAB International to discuss joint exhibits programs and training; also toured the new CAB facilities.


At various locations: also met with agri-

cultural attaches and counselors at U.S. embassies, representatives of the U.S. Agency for International Development, and U.S. Information Service libraries to discuss further ways NAL can work closely with their offices. 

AGRIS/AGROVOC

Shirley Edwards, Head of NAL's Indexing Branch attended the AGROVOC Up-Date Meeting in Rome, Italy, from November 30 to December 4. Although NAL uses the *CAB Thesaurus* as its indexing vocabulary, the Library, as a major source of indexing for AGRIS, provides records for all U.S. agricultural literature, and NAL staff serve as advisors and consultants for the AGRIS database and its vocabulary. AGROVOC.

In this role, Ms. Edwards offered comments and advice on the many new descriptors that were introduced and provided English translations for French and Spanish descriptors under consideration. Since many of the descriptors are proposed by non-English speaking input centers, NAL assists in rendering them into good, idiomatic English. NAL also points out any conflict with CAB terms, or any other data or usage which might cause problems when translated from the NAL indexing format to that of AGRIS.

Participants also discussed numerous changes in hierarchical structures in the vocabulary. The AGRIS Processing Unit (APU) is adding AGROVOC terms to NAL records added to the AGRIS database. 

--Shirley Edwards and Martha Hood

SPECIAL REFERENCE BRIEFS AND SEARCH TIPS SERIES AVAILABLE

S.R.B.--88-02. Controlling Snails and Slugs. Prepared by Sheldon Cheney. 9 p. November 1987.

S.T.S.--01. Searching AGRICOLA for Animal Welfare. Prepared by Carol Dowling, *et al.* November 1987.


To request a copy, see instructions for *Agri-Topics* on page 11.

NAL'S COOPERATION WITH CAB, INTERNATIONAL

by Sarah Thomas

Chief, Technical Services Division, NAL

NAL has a close relationship with CABI, formerly the Commonwealth Agricultural Bureaux. Through the joint efforts of John R. Metcalfe, Director, Information Services, CABI, and Joe Howard, Director, NAL, the two organizations have been co-operating in a number of ventures. Of particular importance is the agreement between the two for NAL to use the *CAB Thesaurus* in its AGRICOLA database and to share in the maintenance and development of a common agricultural vocabulary. NAL staff have met regularly with Peter Wightman, the current editor of the *CAB Thesaurus*, to recommend terms and review the hierarchical structure of the thesaurus. As a result of their collaboration, the second edition of the *Thesaurus*, anticipated to appear in 1988, will include alternate American usage terms and over 2,000 descriptors in the area of nutrition contributed by NAL. One of the most significant benefits of this cooperation is that searchers of agricultural databases can now employ a common vocabulary when using CAB and AGRICOLA.

Another cooperative venture of CABI and NAL is the preparation of a *World List of Agricultural Serials*, which is a comprehensive list of agricultural periodicals and serial titles annotated with information indicating titles indexed in AGRICOLA, AGRIS, and CAB. NAL is responsible for the collection of data and for putting it in machine-readable form, while CAB will publish the list sometime in early 1989. One of the uses of the list will be to determine which titles are not routinely indexed in any of the three major agricultural databases so that coverage can be adjusted accordingly, providing a more systematic approach to the indexing of journal literature. In a later edition, CAB and NAL hope to include holdings information for each title from major libraries around the world. 

(Right) Elaine Cook, Regional Manager for the Americas and Far East, CABI, on a recent visit, & Joseph Howard, NAL Director.

CAB INTERNATIONAL

World Services to Agriculture

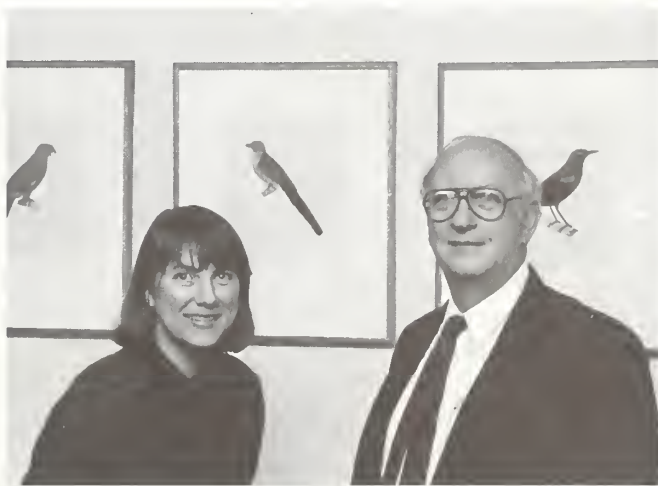
For nearly 60 years CAB International (formerly the Commonwealth Agricultural Bureaux) has been furthering the advancement of world agriculture through its information, scientific, and development services. Established in 1929, it is one of the oldest truly multi-national agricultural organizations.

Twenty-nine Commonwealth countries currently sponsor this non-profit making organization--but it is expected that membership in the future will be open to all countries. Services are available at low cost to member countries and on a commercial basis to others.

Information Services

CAB International is known worldwide for its abstract journals covering each of the main agricultural disciplines. The chief function of the 100 scientists and linguists now working at Wallingford, England, is to scan world literature, select relevant material, and enter it into the organizations's database, CAB ABSTRACTS, from which the abstract journals are published.

With some two million records fed into the database since 1973, plus three million more in earlier printed journals, the total archive provides a unique encyclopaedic resource--and one that is currently expanding at the rate of 11,000 records every month. (See CABI, p. 6)



(CABI, from p. 5)

These information services are collated by 10 individual bureaux covering economics, animal breeding and health, dairy science, forestry, horticulture, nutrition, field crops, plant breeding, and soils.

Scientific Services

The scientific services are provided by four Institutes, three dealing with the science of taxonomy and providing pest identification services--and the fourth concerned with biological control and pest management.

Institute of Entomology. Based in the British Museum (Natural History), the Institute provides a rapid identification service for insects, mites, and other arthropods, especially species that are of actual or potential importance as pests to agriculture, forestry, horticulture, and related subjects. The British Museum's 23 million reference species form a valuable aid to the Institute's work.

Mycological Institute. Correct diagnosis of the cause of a disease, spoilage, or industrial problem is the first step in finding an appropriate solution; the Institute--based at Kew--is the largest center for the study of fungi in the world. Its staff of 70 identify about 10,000 cultures and species a year, including tropical plant bacteria.


Institute of Parasitology. Agricultural, biological, and medical scientists all over the world make use of the Institute's identification services. It studies plant, animal, and human parasites and keeps a reference collection of 65,000 specimens as well as an extensive specialist library. It is located in St. Albans, and associated with the London School of Hygiene and Tropical Medicine.

Institute of Biological Control. This Institute provides information and advice on biological control, undertakes research, and carries out programs on major pests and weeds. It has its headquarters at the field station of Imperial College at Ascot, but also operates stations in

Malaysia, Switzerland, Pakistan, Kenya, and Trinidad.

All four institutes also offer a wide range of training activities from post-graduate studentships to special training courses both in the UK and abroad.

Development Services

Established in 1986 the Development Services Group--from its base in Farnham House, Slough--provides a focus for CABI's project work, particularly directed to provide assistance to Third World countries. It offers practical advice and assistance on many pest-related and environmental problems in agriculture. These services are offered in situations ranging from short-term individual consultancies to major development projects. At present the emphasis is on pest management programs, crop protection services, and pest and disease surveys. 

--CAB International

PRINCE OF WALES OPENS CAB INTERNATIONAL'S NEW HEADQUARTERS AT WALLINGFORD, OXFORDSHIRE, ENGLAND

In a speech opening the new headquarters of CAB International--the worldwide agricultural information and research organization--His Royal Highness The Prince of Wales described the work carried out by the organization as of "incalculable value."

During his official visit on September 15, Prince Charles spent the morning touring CAB International's premises at Wallingford, near Oxford, and meeting many of the 200 staff before unveiling a plaque to commemorate the occasion.

He told a packed audience of guests, including High Commissioners from a number of the 29 Commonwealth countries who make up CAB International: "The work that is done here is clearly of incalculable value, and I hope and pray that it will go on gaining in strength and reputation as the years go by."

The Prince of Wales also commented on work done by CAB International's Insti-



Prince Charles signing the visitors' book while touring the new CABI headquarters.

tute of Biological Control. He said "using nature to control nature is a very important method in this day and age as a way of helping to solve some of the problems that exist in developing countries, and in Europe."

The Prince was accompanied throughout his visit by the Chairman of CAB International, Kalio Tavola, and Director General, Don Mentz.

The modernized and fully refurbished premises have made it possible for the organization's Information Services Bureau (previously attached to research stations or university departments), the extensive computer database, and publications department to be housed along with the headquarters in one place for the first time in its 58-year history.

--Elaine Cook

IN MEMORIAM

MARGARET SCHINDLER BRYANT

Margaret Schindler Bryant, retired former Chief of the Division of Bibliography, 1947-61, and Chief of the Reference Section, 1943-47, died on December 1, 1987. Mrs. Bryant was known in the library profession as a founder of the *Bibliography of Agriculture*, which she managed from its inception in 1943 until she retired from the government in 1961. A resident of Arlington, VA, Mrs. Bryant was active in the League of Women Voters since leaving the Library.

NAL'S EXPERT SYSTEMS COURSE OFF TO A GOOD START

During the week of September 28 to October 2, persons from a variety of commercial, academic, and government organizations completed the Expert Systems Course offered by NAL with Associate Director Samuel T. Waters as the instructor. The following summaries of expert systems developed are presented in alphabetical order by names of participants.

Journal Evaluation for Indexing. Janet Berkson and Don Blamberg of NAL's Indexing Branch developed a prototype system to aid in selection of journals for indexing using four factors and three values for each, and 81 combinations. The authors conclude that "It is...premature to speculate on the merit of applying knowledge-based systems to the task of journal evaluation...The patron-friendly ready reference system clearly has the capacity to free librarians from mundane chores, enabling them to devote more time to...in-depth research. ..We are somewhat doubtful that use of an expert system for journal selection would result in a similar reduction of indexing professional staff time," but the application "merits additional investigation."

ISPAN--Irrigation Support Project for Asia and the Near East. Jim Beverly, of ISPAN, Agency for International Development (AID), Arlington, VA, is working on this project to provide short term expertise on all aspects of irrigated agriculture and aquaculture to 5-20 of the countries in the Asia/NearEast Bureau of AID. He will be designing a system to meet agency needs and assisting others to develop their own special systems.

APHIS Library/Pesticides System. Cindy Callahan of Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine, Hyattsville, MD, came to the course to develop a system on Malathion, but broadened the scope of her project to include all of the services and information sources of the APHIS library, with subsets on each of the pesticides of concern. She intends also to use the system "as a PR tool to help.. market the information in the library."

Urban Forestry. Stephanie C. Chase, Science Reference Librarian at Morgan Library, Colorado State University, Ft. Collins, CO, is developing a system "to direct users to the most current information on...ordinances, utility clearance, tree selection, etc." and is utilizing literature from NAL as well as citations "previously compiled.. in formulating responses."

Consumer Service/Dietary Fiber. Adrienne Jasnich of the R & D Library, John Stuart Research Laboratories, Quaker Oats Co., Barrington, IL, developed a prototype to answer consumer questions using library resources. However, her real project for which she intends to investigate other software is to develop "an advisor that can be used to serve the needs of our nutrition staff in organizing and utilizing the large amount of information on dietary fiber that we have collected."

Crawfish/Choosing an Index in Agriculture or Biology/Withdrawal of Books from a Collection. Susan Miller, Middleton Library, Louisiana State University, Baton Rouge, LA, intended to do an expert system on Crawfish but ended up creating three applications of the software and began expanding the Crawfish system to Louisiana aquaculture. Ms. Miller plans to use the advisor on withdrawal of books from the library's collection in her own work, and to use the advisor on how to choose an index in agriculture or biology "to train Graduate Reference Assistants from the Library School." She also intends to demonstrate these systems at the University and professional meetings in Louisiana.

Organic Chemistry. Craig A. Robertson, of Bailey/Howe Library, University of Vermont, Burlington, VT, developed an advisor consisting of a "cluster of 11 small knowledge bases" for use of "professionals and students in chemical, agrochemical and pesticide disciplines," and covering "names, structures, physical properties, spectra, preparations, hazards, thermodynamic data, and suppliers." Mr. Robertson also intends to develop a companion system "to guide users in searching compound information in Beilstein's *Handbuch der organischen Chemie*."

Cypress Family. James Von Culin, of BIOSIS, Philadelphia, PA, developed a system "that will help the user distinguish among the 26 species of trees in the Cupressaceae (the Cypress family) found in North America." Mr. Von Culin, who is employed in the Research and Development Department at BIOSIS, plans to apply this new technology to additional BIOSIS uses.

--Joseph N. Swab



AG IN THE CLASSROOM COLLECTION

Sarah E. Thomas, Chief of NAL's Technical Services Division, recently announced that the Library had completed processing of "Ag in the Classroom" (AITC) materials donated as a result of a December 1986 letter requesting them by Shirley Traxler, Director of USDA's Ag in the Classroom program. Dr. Thomas said, "One hundred and nineteen items have been added to AGRICOLA; a few others are in the pipeline." Joseph H. Howard, NAL Director, and Technical Services staff have been encouraging all States, friends, and users of the Library to continue to donate materials to the AITC collection.

CHECK OUT THE NATIONAL AGRICULTURAL LIBRARY (YOUR AITC MATERIALS MAY BE "OVERDUE")

A recent addition to NAL is the national Ag in the Classroom [AITC] collection. "NAL is delighted to work with Ag in the Classroom," says Joseph Howard, director of NAL. "While we hope the cooperation is mutually beneficial, NAL benefits greatly by getting important material in its collection, where it can be categorized and made available to anyone in the Nation who has a need."

The collection contains educational material donated by State AITC groups, as well as materials listed in USDA's *Resource Guide to Educational Materials About Agriculture*.

Susan Fugate, coordinator of the collection calls the 150 items received thus far "impressive." Fugate urges those who have not yet contributed their materials to do so. She says that all forms of

AITC materials are welcome in the collection--there is even room for ag treasure chests!

The AITC collection is being indexed into the AGRICultural OnLine Access database, or AGRICOLA. From the Latin word for "farmer," AGRICOLA is a database that permits subscribers to search NAL's bibliography by computer. AGRICOLA lists all NAL books, articles, papers, software, audio-visual materials, and patents. It also lists and locates materials that are not part of the NAL collection. Now libraries, teachers, or anyone who...[uses the database] can see a listing of NAL's AITC collection.

To donate AITC materials to the NAL collection, send them to Susan Fugate, AITC Collection Coordinator, National Agricultural Library, Room 002, Beltsville, Maryland, 20705.

[The above excerpts are reprinted from *Ag in the Classroom Notes*, 2 (6):13, Sept./Oct. 1987, Shirley Traxler, ed.]

AGRI-TOPICS AND AQUA-TOPICS AVAILABLE

"Chrysanthemum" is the subject of one *Agri-Topic* and "Plants That Attract Birds" is the title of another prepared by Henry Gilbert in October and November 1987, respectively. "Fish Oil: Dietary Benefits of Omega-3 Fatty Acids" is the title of an *Aqua-Topic* prepared by Deborah T. Hanfman and Holly B. Irving in November 1987. Both series include introductory paragraphs and selected bibliographies; the *Aqua-Topic* contains a list of species and grams/serving table, while the *Agri-Topics* includes lists of societies and sources, etc.

To request a copy, send a self-addressed mailing label to the Reference Branch, Room 111, NAL, Beltsville, MD 20705.

Looking Back to 1900-1910

This photograph of the Library staff of the U.S. Department of Agriculture was "probably taken in mid-winter 1900-1901."

Miss Josephine A. Clark, who was the director (i. e., Librarian) from 1901-1907 is seated. Standing, from left to right, are E. Lucy Ogden; Marjorie F. Warner; Emma B. Hawks; and Mrs. Mary N. Barnard.

The original photograph, showing an iridescent patina on its antique silver, was donated to the Library by Emma Hawks in February 1955, along with the identification information. Ms. Hawks also wrote, "CRB [i.e. Claribel R. Barnett] was still absent on account of her mother's illness; away from Library from May, 1900 till late winter or early spring of 1901."

Claribel Barnett later became the director, serving from 1907 to 1940, the longest tenure of anyone in that position since the Library's creation in 1862. It was in the early years of that period that the boxed Russian paragraph on the next page was written.

This paragraph was discovered by Robert V. Allen during the course of recent research for a book on Russian agriculture before the Soviet period, on which he has been concentrating since his retirement from the Library of Congress. Mr. Allen also provided the accompanying translation of the paragraph.

Although a literal translation of the title and paragraph heading would be "Cen-



tral Library of the Ministry of Agriculture of the N[orth] A[merican] United States," there is no doubt that the subject is the U.S. Department of Agriculture and the department Library--the predecessor of the National Agricultural Library. The writer was not impressed with the number of Russian books in the Library's collection, yet today scholars and researchers find NAL to be an excellent source for Russian agricultural ma-

Главная библіотека Министерства.

Библіотека Министерства Земледѣлія составляетъ одно изъ богатѣйшихъ спеціальныхъ книгохранилищъ С. Америки. Она имѣетъ печатные указатели, къ которымъ выпускаются періодическія дополненія. Штатъ библіотеки состоитъ изъ 14 клерковъ и 2-хъ сторожей. Библіотека разсылаетъ изданія Министерства за границу. Количество русскихъ книгъ въ Библіотекѣ сравнительно очень мало; иностранныя книги вообще читаются и разбираются очень мало, такъ какъ большинство американцевъ плохо владѣетъ языками. Бюджетъ Библиотеки—67.160 рублей.

LIBRARY OF THE DEPARTMENT

The Library of the Department of Agriculture comprises one of the richest special book collections of North America. It has printed catalogs in which periodical listings are included. The staff of the Library consists of 14 clerks and two guards. The Library distributes the publications of the Department abroad. The number of Russian books in the Library is comparatively small; foreign books in general are very seldom read or utilized since the majority of Americans have a poor command of languages. The budget of the Library is 67,160 rubles. [At the exchange rate of the time this was about \$33,580.]

--translated by Robert V. Allen

from: Russia. Glavnoe upravlenie zemleustroistva i zemledielia [Chief Administration of Land Reclamation and Agriculture]. *Sel'skoe khoziaistvo i lesovodstvo [Agriculture and forestry]*, January, 1910. In the article: "Ministerstvo zemledielia S.-A. Soedinennykh Shtatakh," p. 135.

terials, as it is indeed for agricultural materials in most languages in which there exist significant publications. It has been estimated that about 60 per cent of the NAL collection originated abroad, and that about 40 per cent of the collection is in languages other than English. The Russian materials are used heavily, by persons both proficient and not in the language, and to help the latter, NAL and other USDA agencies have sponsored a translations program resulting in translation of hundreds of Russian articles per year as well as hundreds more from other languages. Other changes since the early years of Claribel Barnett's incumbency are the increase in staff to around 170, and of budget to around \$11 million.

--Joseph N. Swab

BIBLIOGRAPHIC CLEARANCES

As prescribed in 2AR82, USDA agencies, including field installations, must obtain authorization from the National Agricultural Library before beginning compilation of a bibliography. The following proposals have been cleared:

A BIBLIOGRAPHY OF THE FLAT GRAIN BEETLE, *CRYPTOLESTES PUSILLUS (SCHONHERR) (COLEOPTERA: CUCUJIDAE)*. For further information, contact: James E. Throne, South Atlantic Area Stored-Product Insects R&D Lab, P.O. Box 22909, Savannah, GA 31403.

FOREST SERVICE RANGE, WILDLIFE AND FISH RESEARCH PUBLICATIONS BIBLIOGRAPHY. For further information, contact: Gale L. Wolters, Rocky Mountain Forest and Range Experiment Station, 2205 Columbia SE, Albuquerque, NM 87106.

FLORICULTURE BROCHURE AVAILABLE

The American Floral Endowment and NAL have cooperatively produced a brochure entitled "THE FLORICULTURE INFORMATION CONNECTION." The brochure describes cooperation between the floriculture industry and NAL to create a database and services in floriculture and environmental horticulture and related information about NAL's collections, other services and databases. To obtain a copy send a self-addressed mailing label with your request to: National Agricultural Library, Horticulture Information Center, Room 111, Beltsville, MD 20705.

NATIONAL AGRICULTURAL LIBRARY

ANNUAL AWARDS CEREMONY

NOVEMBER 24, 1987

(Right) Dr. H. Marc Cathey, Director, U.S. National Arboretum, gave the principal address, on the love of plants and books about plants. Awards were given to individuals and groups in all divisions of the Library.



(L) Jennie Brogdon, John Forbes, & Willie Twyman, received awards for 30 years of Federal service.

(Below L) Vickie Pessagno, Jan-nette Shuford-Hall, Charles New-som, June Sullivan, and Patricia Wheeler--20 years of service.

(Below) William Feidt, Elizabeth Whiting, Daniel Starr, Martha Feldman, & Grace Sines, various performance awards from Information Systems Division.



USDA photo

(R) Shirley Souder, Maria Pisa, Anita Frazier, Judy Winesdorfer, John Stetka, & Allen Rice, for 10 years service. All awardees received certificates; some individual and group performance awards include cash bonuses. The length of service awards include a pin, tie tack, or bracelet charm with the number of years indicated in the design. Photos are representative groups from all divisions of the Library.





(Above) Claudia Weston, Melissa Shawe, Kathleen Dougherty, Donna Collins, Susan Leatherman, Annette Rojas, David Goldberg, Barbara Thompson, & Patricia Wheeler, various awards from Technical Services Division.

(Top R) Nancy Raff, Ruth Finnblade, Dreama Black, Connie Ames, & Jerry Reeves: a group award from Technical Services Division for processing a serials check-in backlog. Also in this group but not pictured were Lena Garner, Andreene Green, Bernadine Morris, Vince Parker, & Linda Showers.

(R) Dorothy Heise, Robert Butler, Susan Whitmore, Elizabeth Goldberg, & Jennie Brogdon in a group award from the Director's Office for developing the AGRICOLearn videodisk. Karl Schneider was also in this group.

(Below) Angela Lee, Verna Shen, Gary McCone,



Diana Lemon, Nancy Chase, & Kathleen Hayes: various awards from the Director's Office.

(Bottom L) Claudia Weston, Leola Decker, Judi Ho, Joseph Swab, Robert Anderson, Kathleen Hayes, Alan Fusonie, Josephine McDowell, Holly Irving, & Ronald Young in a group award from the Public Services Division for help in photographing and indexing for the Forest Service Photographs Videodisk. Evelyn Brownlee, Paul DeAnna, and Sherry Jager were also in this group.

(Below) Marion Carroll, Jean Larson, Louise Reynnells, Janice Swanson, Judith Zidar, and Jesse Ostroff, in a group award from Public Services Division for extra effort in starting up the Animal Welfare Information Center.





STAFF UPDATE

KEITH W. RUSSELL




Mr. Russell joined the NAL staff in September 1984 as Chief of the Public Services Division of NAL which is comprised of four branches: Lending, Information Centers, Reference, and Special Services. The latter includes the D.C. Reference Center, the U.S. Na-

tional Arboretum Library, and NAL's Special Collections, while the Information Centers Branch comprises the dozen centers established to date by NAL.

Prior to assuming his present position, Mr. Russell was a Program Associate for the Council on Library Resources in Washington, DC, from 1981 to 1984, and held a variety of management and library positions at the University of Arizona, the University of Texas at Austin, the Houston Academy of Medicine--Texas Medical Center Library, and the University of Illinois. He has taught biology in public schools and at the University of Texas and the University of Illinois.

Mr. Russell earned his M.S. in library science and an M.S. in botany/plant ecology at the University of Illinois, and his B.S. in biology and earth sciences at Illinois State University, Normal. He has done additional graduate work in business at the University of Houston and post-M.S. work in biology at the University of Texas.

Mr. Russell is the author and editor of numerous professional publications and articles, has served on a variety of task forces and committees for professional associations, and has frequently served as speaker or panelist at local, national, and international meetings. One of his principal avocations is photography, and some of his photographs have been published or used in exhibits. 

SARAH ELIZABETH THOMAS


As Chief of the Technical Services Division of NAL, Dr. Thomas directs the building of NAL collections and providing access to them through the Divisions' three Branches: Acquisitions and Serials; Cataloging; and Indexing. Dr. Thomas came to NAL in 1984 after nine months



as a Council on Library Resources Academic Library Management Intern at the University of Georgia. Previous management experience had included work with the Research Libraries Group at Stanford University, and in cataloging at the Eisenhower Library, Johns Hopkins University, and the Widener Library, Harvard University.

Dr. Thomas earned Ph.D. and M.A. degrees in German literature at Johns Hopkins and taught elementary and intermediate German there. While working as a cataloging intern at Harvard, she earned the M.S. in Library Science at Simmons College, and had previously graduated from Smith College with an A.B. in German literature. Dr. Thomas' academic work in German literature also took her to Germany where she studied at the Universitaet Hamburg, the Albert Ludwigs Universitaet, Freiburg, and the Johann Wolfgang Goethe Universitaet, Frankfurt.

Dr. Thomas is active in professional organizations, having published a number of papers, served as speaker and consultant at meetings, and represented NAL and various organizations at local, national, and international meetings.

Dr. Thomas resides in Silver Spring, MD. with her husband, Peter Hirtle, who is Curator of Modern Manuscripts in the History of Medicine Division at the National Library of Medicine. They have two sons, Fletcher, 6, and Carter, 1. In response to a question about her leisure activities, Dr. Thomas said, "In rare moments of free time, I enjoy hiking, antiquing, reading Ellen Glasgow novels, and visiting museums in the Washington area." 


WARNICK HEADS PRODUCTION UNIT



On October 14, William Feidt, Head of the Library Automation Branch, announced the selection of Ed Warnick to be Leader of the Production Unit, which is primarily responsible for producing the AGRICOLA sale tapes. Mr. Warnick is concentrating initially on facilitating the issuance of NAL cooperator records on the AGRICOLA tapes. These records from other institutions are derived from OCLC and will appear for the first time in the AGRICOLA sale tape for January 1988. The unit also has responsibility for NAL's 4-Phase system used for indexing, but which will soon be replaced by ISIS--NAL's newly-installed integrated system.

Because of staff shortages and a freeze on hiring pending the outcome of current budget processes, Mr. Warnick continues to serve as a programmer for NAL's Information Systems Division (ISD) and the

Current Awareness Literature Service (CALs). He joined the NAL staff as a programmer in 1979, and first began working at the NAL building as a programmer in ARS's DSA and CDS/D units in 1970. He had begun working for the government as a clerk in 1966 after completing work at Catherman's Business College, and became a programmer in the ARS financial unit in 1968.

Mr. Warnick resides with his wife and four children in Hyattsville, MD. and enjoys camping and fishing in his leisure time. 

EUGENE M. FARKAS RETIRES

On November 2, 1987, Eugene M. Farkas, Chief of the Education and Information Staff, retired. Mr. Farkas came to NAL in 1978 from ARS where he had been Director of the Information Division. He had previously been at APHIS, 1974-76; EPA, 1970-74; and had begun USDA service in 1964. In 1968



USDA photo


Mr. Farkas received a USDA Merit Award for the Pesticides Information Program, and in 1964 the Keystone Press Award for the best government news story. Mr. Farkas represented NAL in many information groups, including: Biotechnology Forum; Human Nutrition Information Team; Council of Governments; International Science and Education Council; Public Affairs Council; Research Information Team; and Take Pride in America. He was a member of the National Association of Government Communicators; Agricultural Communicators in Education; Association of Agricultural Editors of America; Associates of the National Agricultural Library, and served a term on its Board of Directors. He often chaired NAL activities, such as the Combined Federal Campaign, and Publications Committee. 

photo: Regenerative Agriculture Association



(Above l-r) Jayne MacLean, Coordinator, Alternative Farming Systems Information Center, NAL, Howard W. ("Bud") Kerr, Program Manager, Office of Small Scale Agriculture (OSSA), Cooperative State Research Service (CSRS), and Adell Brown, OSSA, assisting visitors to the USDA exhibit booth at the ADAPT2 Conference.

The National Agricultural Library exhibits at professional conferences in both library/information science fields and in scientific subject areas in NAL's scope of interest. The Library also has a variety of exhibit structures available for loan to institutions or organizations including the table-top exhibits of the information centers and one on Black Rural Life in America.

A typical NAL exhibit was described by Jayne MacLean as follows: "For a second year, *Successful Farming* magazine sponsored an ADAPT conference (Ag Diversification Adds Profits Today), promoted as 'the hardest working conference farmers can attend,' and attended by 2000-3000 farmers, educators and extension workers.

In the Kansas City, Missouri, Convention Center, December 3-4, 1987, one hundred presentations were given on diversification options ranging from breeding llamas or ostriches to raising popcorn. Exhibit booths offered an additional range of possibilities. The USDA Office for Small Scale Agriculture and the National Agricultural Library jointly staffed an educational booth to alert farmers to the services of these agencies. Among the handouts provided were NAL's *Quick Bibliographies* and *Agri-Topics* and CSRS/OSSA fact sheets on growing *Mushrooms*, *Herbs* and *Foliage Plants*."

At the top of p. 17 Deborah Hanfman and Jerry Rafats staff the NAL exhibit at ON-LINE '87, October 20-22, at Disneyland,

CA. They and Susan Whitmore demonstrated NAL databases and new technology applications in information services such as expert systems, databases on CD-ROM, and various disks storing full texts and graphic materials with built-in access.

Below, Alan Fusonie, Head, Special Collections, NAL, and Howard W. Kerr, display the joint NAL and ARS exhibit "Black Rural Life in America" for World Food Day at USDA on October 16. This was one of about 50 exhibits by 1890 Land-Grant institutions, government agencies, and other organizations on the world-wide theme "The Small Farmer," and USDA's theme emphasis "1890 Institutions: On the Small Farmer Team." The USDA program included a live satellite telecast featuring

addresses by Secretary of Agriculture Richard E. Lyng, "The Small Farmer in the Year 2000," and Dr. Frederick Humphries, President, Florida A&M University, "Agricultural Universities and the Small Farmer--Partners for the Future."



photo: Online '87: Candid Photo



photo: J. Swab



PUBLICATIONS EXCHANGE

SERIAL GAPS

The National Agricultural Library identifies gaps in the national collection through collection maintenance activities and patron requests. We appreciate your donation of the following publications needed to complete collections. If you have questions, call Ruth Finnblade, Gift and Exchange Program, (301) 344-1207.

Send items to: National Agricultural Library, Gift and Exchange Program, Room 002G, Beltsville, MD 20705.

Chilton's Food Engineering International. Vol. 3 (1-7), 1978; 5 (11-12), 1980; 6 (4 & 11), 1981.

Community Animal Control. Vol. 3 (1), 1984.

Consumer Sourcebook. 1984 to date.

Developments in Plant Genetics and Breeding. 1983 (2) to date.

Environment Action. Vol. 6 (2-16), 1974; 10 (20-24), 1978; 11 (1-7), 1979; 13 (11-12), 1981; 14 (10-12), 1982; 15 (10-12), 1983.

Forestry. Vol. 58 (1), 1985.

Journal of Economic Issues. Vol. 17 (1), 1983.

Journal of Molecular Spectroscopy. Vol. 110 (2); 111 (all); 112 (1); 113 (1) (years unknown).

Journal of Nuclear Medicine. Vol. 27 (3, 5 & 7), 1986.

Journal of Pharmacological Methods. Vol. 9 (5-6), 1983; 10 (5-6), 1983; 11 (5-6), 1984; 12 (5-6), 1984.

Journal of Physics F: Metal Physics.

Vol. 9 (5), 1975; 14 (11-12), 1980; 16 (2), 1982.

Journal of Radiation Research. Vol. 19 (3), 1978; 24 (1-4), 1983.

Journal of Steroid Biochemistry. Vol. 13 (12); 19 (1b); 20 (5); 23 (5a), (years unknown).

Journal of Tropical Pediatrics. Vol. 28 (4), 1982.

Journal of the West. Vol. 12 (1-3), 1973; 19 (3), 1980; 21 (3-4), 1982.

Journal of Wood Chemistry and Technology. Vol. 1 (3-4), 1981.

Mitteilungen der Deutschen Entomologischen Gesellschaft e. V. Vol. 29 (1), 1979.

Nebraska Farmer. Vol. 120 (5), 1977; 125 (13), 1983; 126 (13), 1984; 129 (4), 1987.

New African Yearbook. West & Central Africa. 1985 to date.

New Publications of the U.S. Geological Survey. 1984 (907, 909 & 911).

Norin Kinyu = Cooperative Finance for Agriculture. Vol. 37 (3 10 & 12), 1984.

Occasional Publication. 1982, No. 5.

OECD Economic Surveys: Portugal. 1975, 1978, 1980-1983, 1985 to date.

PVMA Newsletter. 1973, Nos. 3-7; 1974, 4 & 12; 1983, 9; 1984, 2-3, 5 & 7-8; 1986, 2.

Physics of Fluids. Vol. 29 (9), 1986.

Phytophylactica. Plantbeskermingswetenskappe em Mikrobiologie. Vol. 9 (2), 1977; 15 (2), 1983.

Plant Growth Regulation. Vol. 4 (5), 1986.

Plant Growth Regulator Abstract. Vol. 6 (2-6), 1980.

Poultry Press. Vol. 70 (4), 1984; 71 (1 & 4) 1985; 72 (11), 1986.

Le Progres Agricole et Viticole. Vol. 96 (26), 1979; 97 (25-26), 1980.

Przemystowy Instytut Maszyn Rolniczych. 1984 (1); 1985 (1).

Quarterly Energy Review. Far East & Australia. 1981 to date.

Quarterly Energy Review. Latin America & the Caribbean. 1982 to date.

Recent Advances in Animal Nutrition. 1978-1979, 1981-1982, 1986 to date.

RX Weight Control. Vol. 1 (1-5), 1983; 2 (6), 1984; 3 (3), 1985; 4 (1, 3-6), 1986.

Toxicological Environmental Chemistry. Vol. 8 (1-3), 1985.

Tufts University Diet & Nutrition Letter. Vol. 1 (1-11), 1983/84; 2 (2, 5, 10-12), 1984/85.

Zeitschrift fuer Agrangeographie. Vol. 3 (4), 1985.

Zeitschrift fuer Tierpsychologie. Vol. 68 (3), 1983.

The American Journal of Clinical Nutrition. Vol. 43-44, 1986.

American Journal of Veterinary Research. Vol. 47, 1986.

The American Naturalist. Vol. 127-128, 1986.

Analytische Chemie. Vol. 305-319, 1981-1984.

Antimicrobial Agents and Chemotherapy. Vol. 29-30, 1986.

Applied and Environmental Microbiology. Vol. 51, 1986.

Bulletin of Environmental Contamination and Toxicology. Vol. 36-37, 1986.

Canadian Journal of Chemistry. Vol. 64, 1986.

Canadian Journal of Fisheries and Aquatic Sciences. Vol. 43, 1986.

Cereal Chemistry. Vol. 63, 1986.

Cereal Food World. Vol. 31, 1986.

Chemistry In Britain. Vol. 22, 1986.

Computers and Chemistry. Vol. 10, 1986.

Cosmetics and Toiletries. Vol. 101, 1986.

FDA Consumer. Vol. 19-20, 1985-1986.

Food Engineering. Vol. 58, 1986.

Food Technology. Vol. 38-40, 1985-1986.

International Journal of Pure and Applied Analytical Chemistry (Talanta). Vol. 33, 1986.

Journal of the American Oil Chemistry Society. Vol. 63, 1986.

Journal of Animal Science. Vol. 62-64, 1986-1987.

Journal of Bacteriology. Vol. 163-168, 1985-1986.

(See SURPLUS, p. 16, col. 1)

SURPLUS PUBLICATIONS

The National Agricultural Library will make available the following surplus publications to any interested organization that regularly sends free publications to NAL, including most Federal, land-grant, and agricultural research institutions as well as many others. Foreign institutions will need to provide a U.S. mailing address or make other special arrangements with U.S. sources for shipment of material. Listed titles may be requested up to six months following announcement. If interested, please write to:

National Agricultural Library, USDA,
Attn: Gift and Exchange, Room 002,
Beltsville, MD 20705 (enclose an
addressed label); or call Ruth Finnblade,
(301) 344-1207.

Journal of Cell Biology. Vol. 102-103, 1986.

Journal of Economic Entomology. Vol. 37-79, 1944-1986.

Journal of Food Science. Vol. 51, 1986.

Microbiological Reviews. Vol. 50, 1986.

Molecular and General Genetics. Vol. 198, 1984.

Molecular Immunology. Vol. 23, 1986.

Photochemistry and Photobiology. Vol. 42-44, 1985-1986.

Spectrochimica Acta P&A. Vol. 42A, 1986.

Tetrahedron. Vol. 42, 1986.

Tetrahedron Letters. Vol. 27, 1986.

SURPLUS RUSSIAN PUBLICATIONS

Accumulation and Cleansing of Salt from Aggregate Soils. Tashkent, 1984.

Agriculture in the System of Balanced Economy. Moskva, 1965.

Agroclimatic Regionalization of Fallowing and Ensilage. Moskva, 1966.

Analysis of Returns and Earnings of Collective Farms. Moskva, 1969.

Basic Biology of Sugar Beets. Kiev, 1961.

The Best Varieties of Grain Crops. Moskva, 1979.

Buying in Agricultural Production. Sofia, 1986.

Calculating and Projecting the Sliding Base. Moskva, 1980.

Collection of Problems on Accounting Techniques and Economic, Mathematical Methods in Agriculture. Moskva, 1977.

Collective and Private Gardens in the Far East. Khabarovsk, 1960.

The Commercial Fruit Culture of Russia. Moskva, 1984.

Complete Self Financing in State Farms and Conditions of Its Realization. Moskva, 1968.

Complex Approach in Managing Agricultural Enterprises. Moskva, 1981.

The Development of Specialized Production in Agriculture in Leningrad Oblast'. Leningrad, 1980.

Dictionary of Biological Plant Protection. Slovar, 1986.

Early History and Evolution of Domesticated Animals. Sofia, 1986.

Economic Conditions for Efficient Introduction of Agriculture. Moskva, 1968.

Farm Reckoning in Agroindustrial Enterprises. Kiev, 1977.

Grain Drying. Moskva, 1983.

Handbook for a Sugarbeet Grower from Russian S.F.S.R. Moskva, 1986.

Handbook on the Hygiene of Farm Animals. Moskva, 1984.

The Island of Moricsala. Riga, 1987.


Meat Productivity of the Red Steppe Breed of Cattle. Moskva, 1986.

Organization for Reproducing Farm Productive Animals. Berlin, 1983. [Russian cover, text in German]

Overall Use of Raw Material Resources. Moskva, 1986.

Principles of Plant Resistance to Diseases and Pests: Proceedings of the COMECON Symposium. Bukharest, 1981.

Soils of Southeastern Europe. Sofia, 1964.

Technical Maintenance and Repair of Lumbering Machinery and Equipment. Moskva, 1984. 

THE AGRICULTURAL RESEARCH SERVICE AND THE NATIONAL AGRICULTURAL LIBRARY PRESENT

"WOMEN AND MINORITIES ACHIEVE SUCCESS"--A RECOGNITION PROGRAM

LUNCHEON AND AWARDS CEREMONY, SEPTEMBER 15, 1987, SHERATON HOTEL, NEW CARROLLTON, MD



(Right) ARS, NAL, and other USDA staff. (Below) The head table; the principal speaker, Carol Randolph, of the



Co-Manager, ARS; Val-
lie Bray, program MC,
FWP Co-Manager, ARS;
Dr. Waldemar Klassen,
ARS Beltsville Area
Director; Samuel T.
Waters, NAL Associate

Washington Times, formerly of WUSA Channel
9 TV, gives "Tips on Achieving Success."
Seated are the Beltsville Area FWP-HEP
Committee and guests: (from l-r) Diane
Adger-Johnson, Animal Parasitology Inst.;
Marilyn Ruffin, Family Economic Research
Group; Dr. Joan Conway, Beltsville Human
Nutrition Research Center; Margaret John-
son, EEO Manager, ARS; Maryann Loftus, FWP

Director; Martha Feldman, FWP Manager,
NAL; and Alton Fleming, PPHI; next to Mr.
Fleming, but not in this photo, was Mary
Ann Jarvis of the National Arboretum. In
the photos across the bottom of the page
are: l-r, Ms. Randolph, Mr. Waters, Ms.
Feldman, Mr. Fleming, Ms. Jarvis, and Ms.
Bray. The awardees were warmly applauded,
and a good time was had by all!



photos: Louis Williams

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AGRICULTURE DATEBOOK

February 7-9: NATIONAL COTTON COUNCIL OF AMERICA ANNUAL MEETING. Memphis, TN. Contact: (901) 274-9030.

February 15-17: NATIONAL CATTLEMEN'S ASSOCIATION ANNUAL MEETING. Orlando, FL. Contact: NCAA, Englewood, CA. (303) 694-3005.

February 21-24: UNITED FRESH FRUIT AND VEGETABLE ASSOCIATION ANNUAL CONFERENCE. Houston, TX. Contact: (703) 836-3410.

February 24-26: NATIONAL CORN GROWERS ASSOCIATION CORN CLASSIC. St. Louis, MO. Contact: NCGA World Headquarters, 1000 Executive Parkway, Suite 244, St. Louis, MO 63141. Tel: (314) 275-9915.

February 28-March 3: GRAIN ELEVATOR AND PROCESSING SOCIETY ANNUAL MEETING. Wichita, KS, Century II Convention Center. Contact: GEPS, Minneapolis, MN. Tel: (612) 339-4625.

April 22-24: HYDROPONIC SOCIETY OF AMERICA 9TH ANNUAL CONFERENCE AND TRADE SHOW. San Francisco, CA, Clarion-San Francisco Airport Hotel. Contact: Gene Brisbon, HSA, P.O. Box 6067, Concord, CA 94524. Tel: (415) 682-4193.

April 26-27: THE 1988 CONFERENCE ON COMMERCIAL BIOTECHNOLOGY. Cambridge, MA, Hyatt Regency Hotel. Contact: Business Communication Company, Inc., 25 Van Zant St., Norwalk, CN 06855. (203) 853-4266.

May 9-11: BELTSVILLE SYMPOSIUM XIII: BIOTIC DIVERSITY AND GERMLASM PRESERVATION --GLOBAL IMPERATIVES. Beltsville, MD. Contact: Mrs. J. Weirman, USDA, Room 127, Bldg. 001, BARC-West, Beltsville, MD 20705.



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LASER VIDEODISK OF USDA PHOTOS PROPOSED



photo: J. Swab

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0095-2699) provides a channel
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information specialists, li-
brarians, extension workers,
researchers, and scientists
on agricultural information
activities. Joseph N. Swab,
Editor; Marilyn M. Jacobs,
Assistant Editor; Dan Starr,
Photographer. [(301)
344-3937.]

On October 20 in USDA's Williamsburg Room, William Hauser (Standing) and Alan Fusonie (3rd from left) demonstrated the Forest Service Photographs Laser Videodisk to administrators of all USDA agencies or their representatives. The purpose of this "unveiling" of the disk to a large group of officials was to propose a department-wide cooperative project to create a laser videodisk containing historical or archival photos from as many agencies of USDA as possible. Samuel T. Waters, Associate Director, NAL, (left), served as NAL host. John M. McClung, Director of the Office of Information, Office of Governmental and Public Affairs (2nd from left), presented the OGPA part of the proposal, mainly including its official USDA photographs collection. NAL will manage the project. For information or proposal materials, contact: William Hauser, National Agricultural Library, Special Collections, 14th Floor, Beltsville, MD 20705 or call (301) 344-3876.